



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Frank L. Hall

Serial No.: 10/791,190

Filed: March 2, 2004

For: APPARATUS FOR PREPARING
BALL GRID ARRAY SUBSTRATES VIA
USE OF A LASER (as amended)

Confirmation No.: 1971

Examiner: S. Heinrich

Group Art Unit: 1725

Attorney Docket No.: 2269-4718.3US
(00-0316.03./US)

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label Number: EL995984103US

Date of Deposit with USPS: March 29, 2006

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

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P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the documents listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of U.S. patents are not being submitted pursuant to M.P.E.P. 609 III A(2). A copy of the foreign patent document is enclosed pursuant to 37 C.F.R. § 1.98(a)(2).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicant herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

Serial No. 10/791,190

U.S. Patent Documents

<u>U.S. Patent No.</u>	<u>Publication Date</u>	<u>Patentee</u>
US - 5,495,126	02/1996	Iguchi et al.
US - 5,928,533	07/1999	Benea et al.
US - 6,281,090	08/2001	Kukanskis et al.
US - 2002/0089058	07/2002	Hedler et al.

Foreign Patent Document

<u>Document No.</u>	<u>Publication Date</u>	<u>Patentee</u>
JP 360097643 A	06/1985	Mitsubishi Electric Corp.

Applicant offers to supply any explanation or discussion of the documents which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is believed to be filed before the mailing date of the first Office Action on the merits subsequent to the filing of an RCE in the above-identified application.

Respectfully submitted,



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Date: March 29, 2006

JRD/djp:lmh

Enclosures: Form PTO/SB/08

Copy of foreign reference

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Substitute for form 1449A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

Complete if Known

Application Number

10/791,190

Filing Date

March 2, 2004

First Named Inventor

Frank L. Hall

Group Art Unit

1725

Examiner Name

S. Heinrich

Attorney Docket Number

2269-4718.3US (00-0316.03/US)

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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